ELSEVIER

Nuclear Engineering and Design 163 (1996) 419–420

Nuclear Engineering and Design

Author Index of Volume 163

Analytis, G.T., Developmental assessment of RELAP5/MOD3.1 with separate effect and integral test experiments: model changes and options 163 (1996) 125
Anglart, H. and O. Nylund, CFD application to prediction of void distribution in two-phase bubbly flows in rod bundles 163 (1996) 81
Asfia, F.J. and V.K. Dhir, An experimental study of natural convection in a volumetrically heated spherical pool bounded on top with a rigid wall 163 (1996) 333
Azzopardi, B.J., Prediction of dryout and post-burnout heat transfer with axially non-uniform heat input by means of an annular flow model 163 (1996) 51

Baek, W.-P., see Moon, S.K. 163 (1996) 29
Beattie, D.R.H., Flow characteristics of horizontal bubbly pipe flow 163 (1996) 207
Bibeau, E.L. and M. Salcudean, Scaling and correlation of subcooled void growth for circular and finned annular geometries at low pressure 163 (1996) 59
Bobkov, V.P., see Groeneveld, D.C. 163 (1996) 1
Bui, V.A., see Dinh, T.N. 163 (1996) 191

Celata, G.P., On the application method of critical heat flux correlations 163 (1996) 241
Chang, S.H., see Moon, S.K. 163 (1996) 29
Cheng, S.C., see Huang, X.C. 163 (1996) 177
Clausse, A., see Herrero, V. 163 (1996) 117

Dhir, V.K., see Asfia, F.J. 163 (1996) 333
Dinh, T.N., V.A. Bui, R.R. Nourgaliev, T. Okkonen and B.R. Sehgal, Modelling of heat and mass transfer processes during core melt discharge from a reactor pressure vessel 163 (1996) 191

France, D.M., see Yoo, S.-J. 163 (1996) 163

Ghiaasiaan, S.M., see Yao, G.F. 163 (1996) 149
Graves, H.L., H.T. Tang and Y.C. Liao, Large-scale seismic test program at Hualien Taiwan 163 (1996) 323
Groeneveld, D.C., see Huang, X.C. 163 (1996) 177
Groeneveld, D.C., Reply to the Letter to the Editor from Todreas and Hejzlar on the paper entitled "The 1995 CHF look-up table . . ." 163 (1996) 27
Groeneveld, D.C., On the definition of critical heat flux margin 163 (1996) 245
Groeneveld, D.C., L.K.H. Leung, P.L. Kirillov, V.P. Bobkov, I.P. Smogalev, V.N. Vinogradov, X.C. Huang and E. Royer, The 1995 look-up table for critical heat flux in tubes 163 (1996) 1
Grošelj, J., see Žun, I. 163 (1996) 99
Guido-Lavalle, G., see Herrero, V. 163 (1996) 117

Hejzlar, P., see Todreas, N.E. 163 (1996) 25
Hejzlar, P. and N.E. Todreas, Consideration of critical heat flux margin prediction by subcooled or low quality critical heat flux correlations 163 (1996) 215
Hejzlar, P. and N.E. Todreas, Response of Hejzlar and Todreas to Contributors' letters and Technical notes 163 (1996) 273
Herrero, V., G. Guido-Lavalle and A. Clausse, Geometrical automata for two phase flow simulation 163 (1996) 117
Hsia, D.Y., see Lee, C.H. 163 (1996) 349
Huang, X.C., see Groeneveld, D.C. 163 (1996) 1
Huang, X.C., S.C. Cheng, D.C. Groeneveld and K.F. Rudzinski, Analysis of the conjugation effect during convective flow film boiling conditions in an eccentric annular test section 163 (1996) 177

Inasaka, F., see Nariai, H. 163 (1996) 281
Inasaka, F. and H. Nariai, Evaluation of subcooled critical heat flux correlations for tubes with and without internal twisted tapes 163 (1996) 225

Kim, S.-K., see Park, T.-K. 163 (1996) 405
Kirillov, P.L., see Groeneveld, D.C. 163 (1996) 1

Lambert, L.D. and M.B. Parks, Experiments to evaluate behavior of containment piping bellows under severe accident conditions *163 (1996) 287*
Lee, C.H., T.J. Liu, Y.S. Way and D.Y. Hsia, Investigation of mid-loop operation with loss of RHR at INER integral system test (IIST) facility 163 (1996) 349
Lellouche, G.S., Letter to the Editor on "Evaluation of subcooled critical heat flux correlations for tubes with and without internal twisted tapes" by F. Inasaka and H. Nariai and "Consideration of CHF margin prediction by subcooled or low quality CHF correlations" by P. Hejzlar and N.E. Todreas 163 (1996) 243
Leung, L.K.H., see Groeneveld, D.C. 163 (1996) 1
Liao, Y.C., see Graves, H.L. 163 (1996) 323
Liu, T.J., see Lee, C.H. 163 (1996) 349
Lofaro, R.J., Understanding aging in containment cooling systems 163 (1996) 301

Moon, S.K., W.-P. Baek and S.H. Chang, Parametric trends analysis of the critical heat flux based on artificial neural networks 163 (1996) 29

Nagaraj, T.S., see Sundara Raja Iyengar, K.T. 163 (1996) 397
Nariai, H., see Inasaka, F. 163 (1996) 225
Nariai, H. and F. Inasaka, Letter to the Editor 163 (1996) 281
Nourgaliev, R.R., see Dinh, T.N. 163 (1996) 191
Nylund, O., see Anglart, H. 163 (1996) 81

Okkonen, T., see Dinh, T.N. 163 (1996) 191

Park, T.-K. and S.-K. Kim, Tritium: its generation and pathways to the environment at CANDU 6 generating stations 163 (1996) 405
Parks, M.B., see Lambert, L.D. 163 (1996) 287
Patel, B., see Sundara Raja Iyengar, K.T. 163 (1996) 397

Raghu Prasad, B.K., see Sundara Raja Iyengar, K.T. 163 (1996) 397
Raymond, P., see Saphier, D. 163 (1996) 263
Royer, E., see Groeneveld, D.C. 163 (1996) 1
Rudzinski, K.F., see Huang, X.C. 163 (1996) 177

Salcudean, M., see Bibeau, E.L. 163 (1996) 59
Saphier, D. and P. Raymond, Design of highly moderated pressurized water reactor based on critical heat flux considerations *163 (1996) 263*
Sehgal, B.R., see Dinh, T.N. *163 (1996) 191*
Siman-Tov, M., Application of energy balance and direct substitution methods for thermal margins and data evaluation *163 (1996) 249*
Smogalev, I.P., see Groeneveld, D.C. 163 (1996) 1
Sundara Raja Iyengar, K.T., B.K. Raghu Prasad, T.S. Nagaraj and B. Patel, Parametric sensitivity of fracture behaviour of concrete 163 (1996) 397

Tang, H.T., see Graves, H.L. 163 (1996) 323
Todreas, N.E., see Hejzlar, P. 163 (1996) 215
Todreas, N.E., see Hejzlar, P. 163 (1996) 273
Todreas, N.E. and P. Hejzlar, Letter Letter to the Editor on the paper by D.C. Groeneveld and L.K.H. Leung, "The 1995 look-up table for critical heat flux in tubes" 163 (1996) 25

Vinogradov, V.N., see Groeneveld, D.C. 163 (1996) 1

Way, Y.S., see Lee, C.H. 163 (1996) 349
Weisman, J., Letter to the Editor on "Evaluation of subcooled critical heat flux correlations for tubes with and without internal twisted tapes" by F. Inasaka and H. Nariai and "Consideration of CHF margin prediction by subcooled or low quality CHF correlations" by P. Hejzlar and N.E. Todreas 163 (1996) 259
Winegardner, W.K., Phase I aging assessment of nuclear air-treatment system high efficiency particulate air and adsorbers 163 (1996) 315
Wulff, W., Scaling of thermohydraulic systems 163 (1996) 359

Yao, G.F. and S.M. Ghiaasiaan, Wall friction in annular-dispersed two-phased flow 163 (1996) 149
Yoo, S.-J. and D.M. France, Post-CHF heat transfer with water and refrigerants 163 (1996) 163

Žun, I. and J. Grošelj, The structure of bubble non-equilibrium movement in free-rise and agitated-rise conditions 163 (1996) 99

ELSEVIER

Nuclear Engineering and Design 163 (1996) 421–422

Nuclear Engineering and Design

Subject Index of Volume 163

Materials properties

Experiments to evaluate behavior of containment piping bellows under severe accident conditions, L.D. Lambert and M.B. Parks 163 (1996) 287

Mechanical design, component fabrication and testing

Experiments to evaluate behavior of containment piping bellows under severe accident conditions, L.D. Lambert and M.B. Parks 163 (1996) 287

Understanding aging in containment cooling systems, R.J. Lofaro 163 (1996) 301

Phase I aging assessment of nuclear air-treatment system high efficiency particulate air and adsorbers, W.K. Winegardner 163 (1996) 315

Large-scale seismic test program at Hualien Taiwan, H.L. Graves, H.T. Tang and Y.C. Liao 163 (1996) 323

Tritium: its generation and pathways to the environment at CANDU 6 generating stations, T.-K. Park, S.-K. Kim 163 (1996) 405

Safeguard engineering

Tritium: its generation and pathways to the environment at CANDU 6 generating stations, T.-K. Park, S.-K. Kim 163 (1996) 405

Structural design, construction methods and testing

Parametric sensitivity of fracture behaviour of concret, K.T. Sundara Raja Iyengar, B.K. Raghu Prasad, T.S. Nagaraj and B. Patel 163 (1996) 397

Thermal hydraulics and safety

The 1995 look-up table for critical heat flux in tubes, D.C. Groeneveld, L.K.H. Leung, P.L. Kirillov, V.P. Bobkov, I.P. Smogalev, V.N. Vinogradov, X.C. Huang and E. Royer 163 (1996) 1

Letter to the Editor on the paper by D.C. Groeneveld and L.K.H. Leung, "The 1995 look-up table for critical heat flux in tubes", N.E. Todreas and P. Hejzlar 163 (1996) 25

Reply to the Letter to the Editor from Todreas and Hejzlar on the paper entitled "The 1995 CHF look-up table . . . ", D.C. Groeneveld 163 (1996) 27

Parametric trends analysis of the critical heat flux based on artificial neural networks, S.K. Moon, W.-P. Baek and S.H. Chang 163 (1996) 29

Prediciton of dryout and post-burnout heat transfer with axially non-uniform heat input by means of an annular flow model, B.J. Azzopardi 163 (1996) 51

Scaling and correlation of subcooled void growth for circular and finned annular geometries at low pressure, E.L. Bibeau and M. Salcudean 163 (1996) 59

CFD application to prediction of void distribution in two-phase bubbly flows in rod bundles, H. Anglart and O. Nylund 163 (1996) 81

The structure of bubble non-equilibrium movement in free-rise and agitated-rise conditions, I. Žun and J. Grošelj 163 (1996) 99

Geometrical automata for two phase flow simulation, V. Herrero, G. Guido-Lavalle and A. Clausse 163 (1996) 117

Developmental assessment of RELAP5/MOD3.1 with separate effect and integral test experiments: model changes and options, G.Th. Analytis 163 (1996) 125

Wall friction in annular-dispersed two-phased flow, G.F. Yao and S.M. Ghiaasiaan 163 (1996) 149

Post-CHF heat transfer with water and refrigerants, S.-J. Yoo and D.M. France 163 (1996) 163

Analysis of the conjugation effect during convective flow film boiling conditions in an eccentric annular test section, X.C.

Huang, S.C. Cheng, D.C. Groeneveld and K.F. Rudzinski 163 (1996) 177
Modelling of heat and mass transfer processes during core melt discharge from a reactor pressure vessel, T.N. Dinh, V.A. Bui, R.R. Nourgaliev, T. Okkonen and B.R. Sehgal 163 (1996) 191
Flow characteristics of horizontal bubbly pipe flow, D.R.H. Beattie 163 (1996) 207
Consideration of critical heat flux margin prediction by subcooled or low quality critical heat flux correlations, P. Hejzlar and N.E. Todreas 163 (1996) 215
Evaluation of subcooled critical heat flux correlations for tubes with and without internal twisted tapes, F. Inasaka and H. Nariai 163 (1996) 225
On the application method of critical heat flux correlations, G.P. Celata 163 (1996) 241
Letter to the Editor on "Evaluation of subcooled critical heat flux correlations for tubes with and without internal twisted tapes" by F. Inasaka and H. Nariai and "Consideration of CHF margin prediction by subcooled or low quality CHF correlations" by P. Hejzlar and N.E. Todreas, G.S. Lellouche 163 (1996) 243
On the definition of critical heat flux margin, D.C. Groeneveld 163 (1996) 245
Application of energy balance and direct substitution methods for thermal margins and data evaluation, M. Siman-Tov 163 (1996) 249
Letter to the Editor on "Evaluation of subcooled critical heat flux correlations for tubes with and without internal twisted tapes" by F. Inasaka and H. Nariai and "Consideration of CHF margin prediction by subcooled or low quality CHF correlations" by P. Hejzlar and N.E. Todreas, J. Weisman 163 (1996) 259
Design of highly moderated pressurized water reactor based on critical heat flux considerations, D. Saphier and P. Raymond 163 (1996) 263
Response of Hejzlar and Todreas to Contributors' letters and Technical notes, P. Hejzlar and N.E. Todreas 163 (1996) 273
Comments on "the Letter to the Editor and some notes", H. Nariai and F. Inasaka 163 (1996) 281
An experimental study of natural convection in a volumetrically heated spherical pool bounded on top with a rigid wall, F.J. Asfia and V.K. Dhir 163 (1996) 333
Investigation of mid-loop operation with loss of RHR at INER integral system test (IIST) facility, C.H. Lee, T.J. Liu, Y.S. Way, D.Y. Hsia 163 (1996) 349
Scaling of thermohydraulic systems, W. Wulff 163 (1996) 359